



PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO

Complete If Known

				Application Number	09/827428-Conf. #6098
				Filing Date	April 6, 2001
				First Named Inventor	Orlow
				Art Unit	1614
				Examiner Name	Lewis
Sheet	1	of	1	Attorney Docket Number	0071369.00162US3/PFI-016CIP

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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NON PATENT LITERATURE DOCUMENTS

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/A.S./	CA	SEIBERG et al., Inhibition of Melanosome Transfer Results in Skin Lightening, J. Invest. Dermatol., 2000, v. 115, pp. 162-167	

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PTO/SB/08A/B (09-06)

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				First Named Inventor	Seth J. ORLOW
				Art Unit	1614
				Examiner Name	A. A. Lewis
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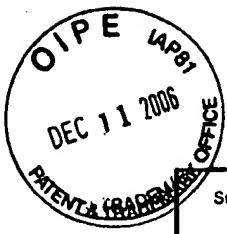
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		Number-Kind Code ² (# known)	MM-DD-YYYY		
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)	MM-DD-YYYY		
/A.S./	BA	WO-01/01131	01-04-2001	Univ New York	
/A.S./	BB	WO-97/00892	01-09-1997	Us Health et al.	

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	CB	ANCANS, et al., "Activation of Melanogenesis by Vacuolar Type H ⁺ -ATPase Inhibitors in Amelanotic, Tyrosinase Positive Human and Mouse Melanoma Cells", FEBS Letters, 478:57-60 (2000)			
	CC	ANSEL, et al., <u>Pharmaceutical Dosage Forms and Drug Delivery Systems</u> , Sixth Ed., A Lea & Febiger Book, Williams & Wilkins, Baltimore (1995)			
	CD	BOUCHARD, et al., "Induction of Pigmentation in Mouse Fibroblasts by Expression of Human Tyrosinase cDNA", J. Exp. Med., 169:2029-2042 (1989)			
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	CF	CHAKRABORTY, et al., "Effect of Arbutin on Melanogenic Proteins in Human Melanocytes", Pigment Cell Research, 11:206-212 (1998)			
	CG	GARDNER, et al., "The Complete Nucleotide Sequence of an Infectious Clone of Cauliflower Mosaic Virus by M13mp7 Shotgun Sequencing", Nucleic Acids Research, 9(12):2871-2888 (1981)			
✓	CH	GILBERT, et al., "Useful Proteins from Recombinant Bacteria", Sci. Am., 242(4):74-94 (1980)			
✓	CI	HALL, et al., "Accumulation of Tyrosinase in the Endolysosomal Compartment in Induced by U18666A", Pigment Cell Res., 16:149-158 (2003)			

Examiner Signature	/Ali Soroush/	Date Considered	10/28/2007
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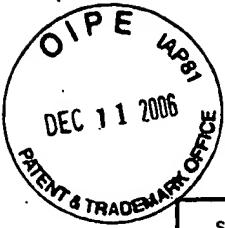


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Substitute for form 1449/PTO				Complete If Known	
				Application Number	09/827,428-Conf. #6098
				Filing Date	April 6, 2001
				First Named Inventor	Seth J. ORLOW
				Art Unit	1614
				Examiner Name	A. A. Lewis
Sheet	2	of	3	Attorney Docket Number	0071369.00162US3/PFI-016CIP

/A.S./	CJ	HARLOW, et al., <u>Antibodies - A Laboratory Manual</u> , Cold Spring Harbor Laboratory (1988) (cover of book and page (i))	
	CK	HU, et al., "Regulation of Melanogenesis by Human Uveal Melanocytes In Vitro", Exp. Eye Res., 64:397-404 (1997)	
	CL	IMOKAWA, et al., "Skin Organ Culture Model for Examining Epidermal Melanization", Journal of Investigative Dermatology, 100:47-54 (1993)	
	CM	JIMENEZ, et al., "Tyrosinases from Two Different Loci are Expressed by Normal and by Transformed Melanocytes", Journal of Biological Chemistry, 266(2):1147-1156 (1991)	
	CN	KIM, et al., "Expression of a Thioredoxin-Related Protein-1 is Induced by Prostaglandin E2", Int. J. Cancer, 118:1670-1679 (2006)	
	CO	KUZUMAKI, et al., "Eumelanin Biosynthesis is Regulated by Coordinate Expression of Tyrosinase and Tyrosinase-Related Protein-1 Genes", Experimental Cell Research, 207:33-40 (1993)	
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	CQ	MACDONALD, "Expression of the Pancreatic Elastase I Gene in Transgenic Mice", Hepatology, 7(1):42S-51S (1987)	
	CR	MASON, et al., "The Hypogonadal Mouse: Reproductive Functions Restored by Gene Therapy", Science, 234(4782):1372-1378 (1986)	
	CS	MCCURDY, "Enzyme Localization During Melanogenesis", Journal of Cell Biology, 48:220-228 (1969)	
	CT	NIEKRASZ, et al., "The Pig as Organ Donor for Man", Transplantation Proceedings, 24(2):625-626 (1992)	
	CU	OETTING, et al., "Mutations of the Human P Gene Associated with Type II Oculocutaneous Albinism (OCA2)", Human Mutation, 12(6):434 (1998)	
	CV	ORLOW, "The Biogenesis of Melanosomes", in <u>The Pigmentary System: Physiology and Pathophysiology</u> , Norlund, et al., eds, Oxford University Press, Chapter 6, pp. 97-106 (1998)	
	CW	ORLOW, et al., "Retinoic Acid is a Potent Inhibitor of Inducible Pigmentation in Murine and Hamster Melanoma Cell Lines", Journal of Investigative Dermatology, 64(4):461-464	
	CX	ORNITZ, et al., "Elastase I Promoter Directs Expression of Human Growth Hormone and SV40 T Antigen Genes to Pancreatic Acinar Cells in Transgenic Mice", Cold Spring Harb. Symp. Quant. Biol., 50:399-409 (1985)	
	CY	PINKERT, et al., "An Albumin Enhancer Located 10 kb Upstream Functions Along with Its Promoter to Direct Efficient, Liver-Specific Expression in Transgenic Mice", Genes & Development, 1:268-276 (1987)	
	CZ	Product Information Sigma: Composition of the Medium Ham's F10	
	CA1	Product Information Sigma: Composition of the Medium MCDB-153	
	CB1	Remington's Pharmaceutical Sciences, 18th Edition, Alfonso Gennaro, Editor, Mack Publishing Company, Easton, PA (1990)	
	CC1	SAKAI, et al., "Modulation of Murine Melanocyte Function <i>in vitro</i> by Agouti Signal Protein", EMBO Journal, 16(12):3544-3552 (1997)	
	CD1	SCHWARTZ, et al., <u>Surface Active Agents, Their Chemistry and Technology</u> , Interscience Publishers, Inc, New York, NY (1949)	
	CE1	SEIJI, et al., "Subcellular Localization of Melanin Biosynthesis", Ann. NY Acad. Sci., 100:497-533 (1963)	
V	CF1	SHANI, "Tissue-Specific Expression of Rat Myosin Light-Chain 2 Gene in Transgenic Mice", Nature, 314:283-286 (1985)	

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PTO/SB/08A/B (09-06)

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				First Named Inventor	Seth J. ORLOW
				Art Unit	1614
				Examiner Name	A. A. Lewis
Sheet	3	of	3	Attorney Docket Number	0071369.00162US3/PFI-016CIP

/A.S./	CG1	YOKOYAMA, et al., "Conserved Cysteine to Serine Mutation in Tyrosinase is Responsible for the Classical Albino Mutation in Laboratory Mice", Nucleic Acids Research, 18(24):7293-7298 (1990)	
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PFI-016CIP/291472-124US1			

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/A.S./	AA*	US-4,439,432	03-27-1984	Peat	
V	AB*	US-5,569,678	10-29-1996	Lee	
	AC*	US-5,616,332	04-01-1997	Herstein	

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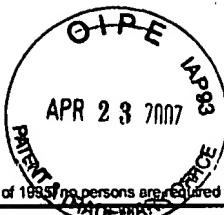
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/A.S./	CA	BOROVANSKY, et al., "Melanogenesis in Transfected Fibroblasts Induces Lysosomal Activation", Arch Dermatol. Res., 289:145-150 (1997)	
	CB	DENNELL, "Weismann's Ring and the Control of Tyrosinase Activity in the Larva of Calliphora Erythrocephala", Proceedings of the Royal Society of London, 136(882):94-109 (1949)	
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